

ONBOARD CAPTURE DESIGN WITH LIDAR

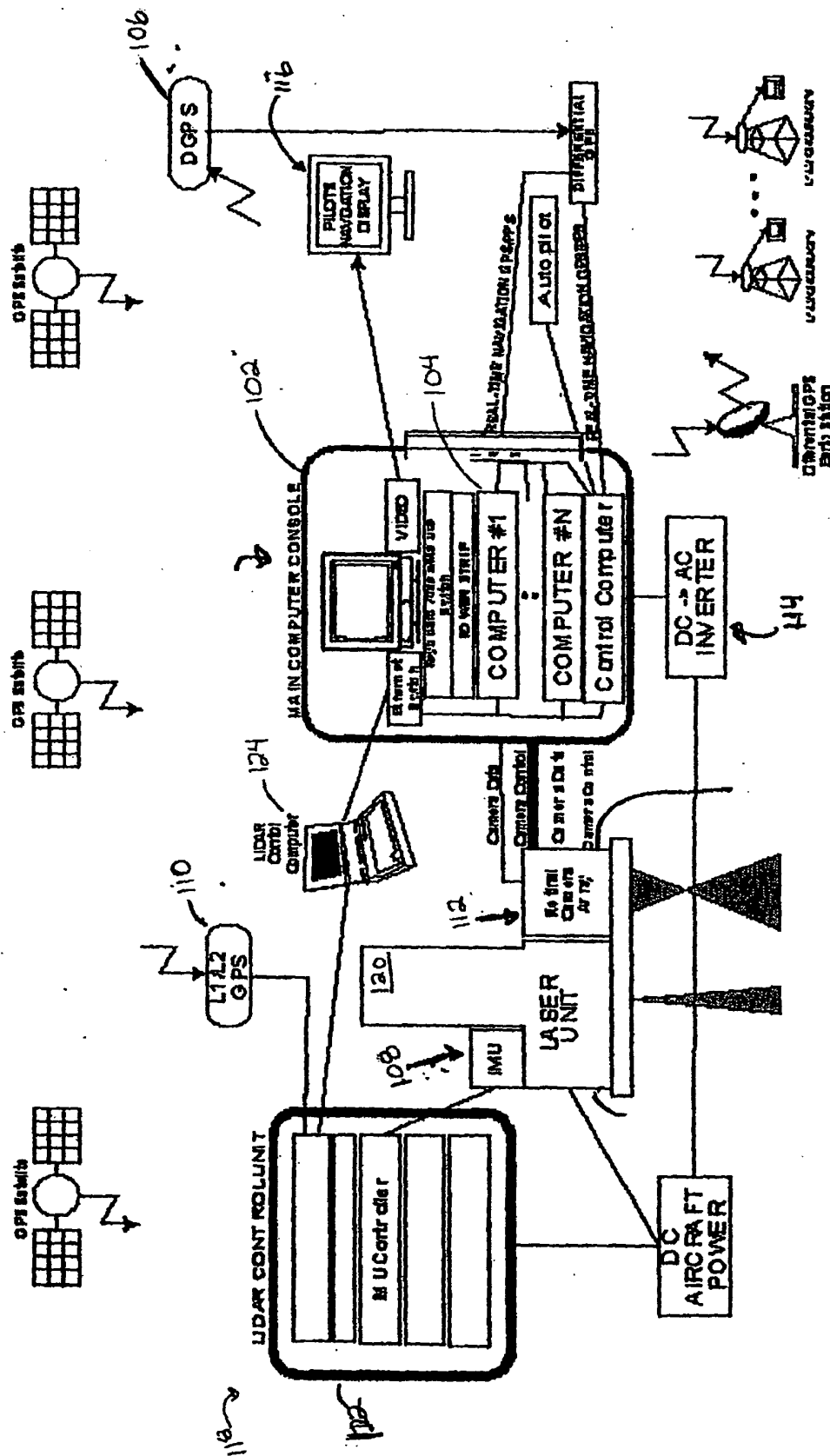


FIG. 1

The diagram illustrates the LHA-3000 GPS system architecture. It shows the flow of data from GPS satellites (L1A2 GPS and GPS Receivers) through a Main Computer Console (containing a Pilot's Navigation Display, Video, and multiple Computers) to various output devices including DGPS, Relative Isobathal Geophones, and a Receiver. It also shows connections to a GPS Receiver, a GPS Receiver, and a GPS Receiver. The diagram is labeled with various components and their interconnections.

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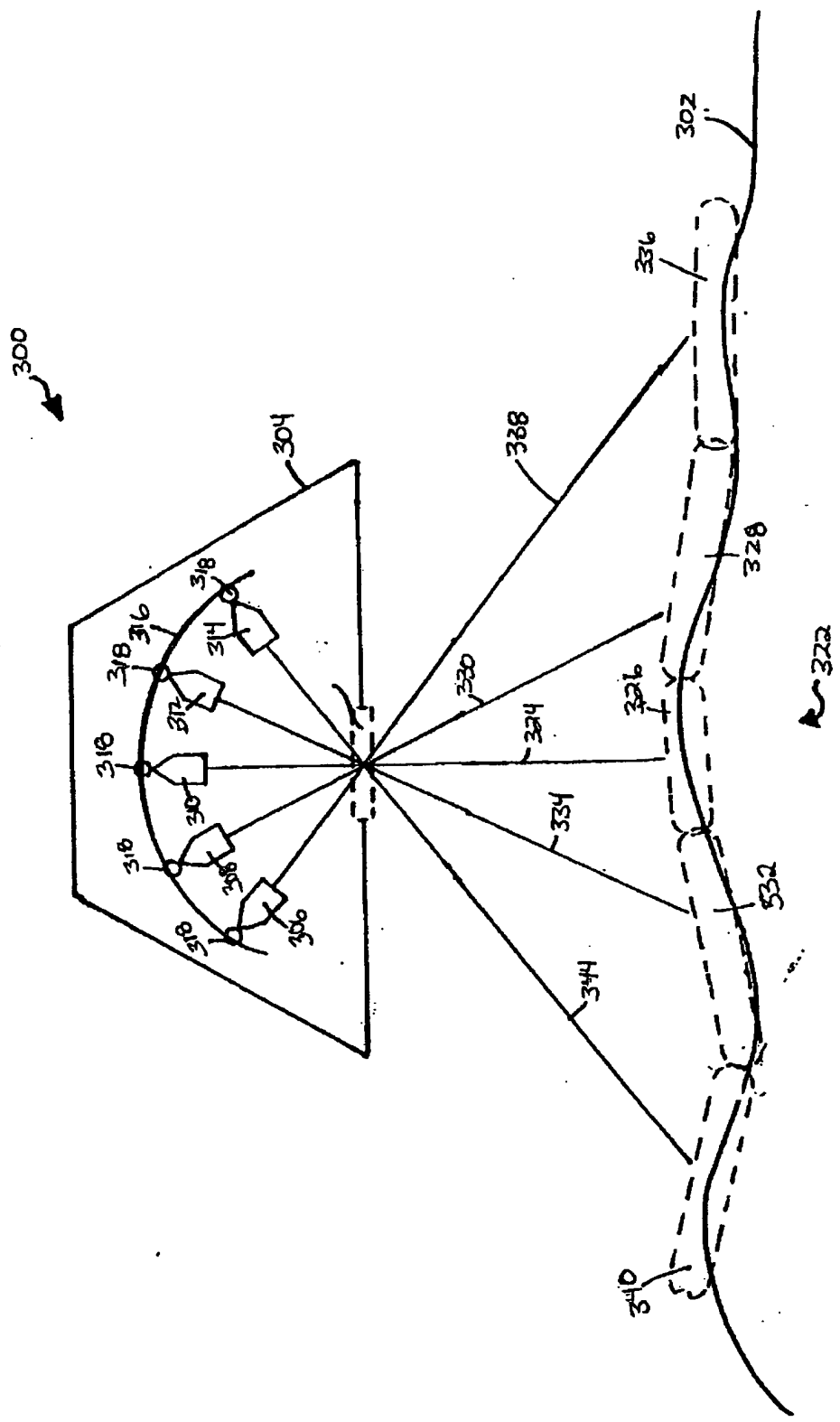


FIG. 3

Far Left Image <u>340</u>	Near Left Image <u>332</u>	NADIR IMAGE ● <u>400</u> <u>326</u>	Near Right Image <u>328</u>	Far Right Image <u>336</u>
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FIG. 4

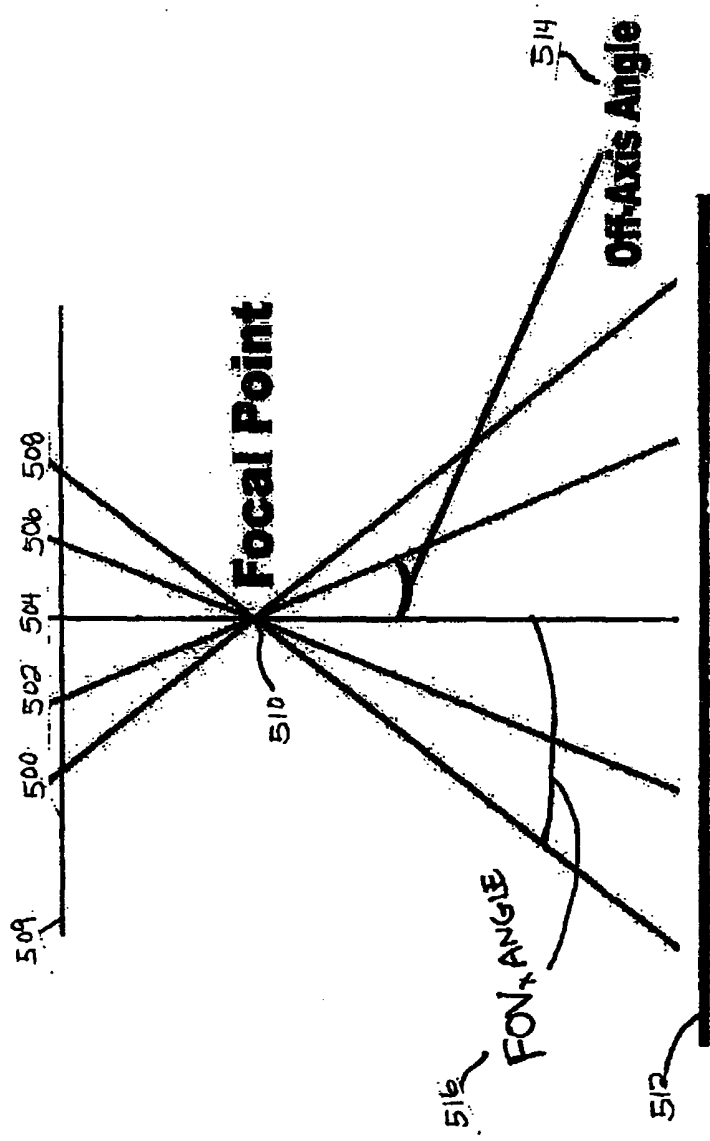


FIG. 5

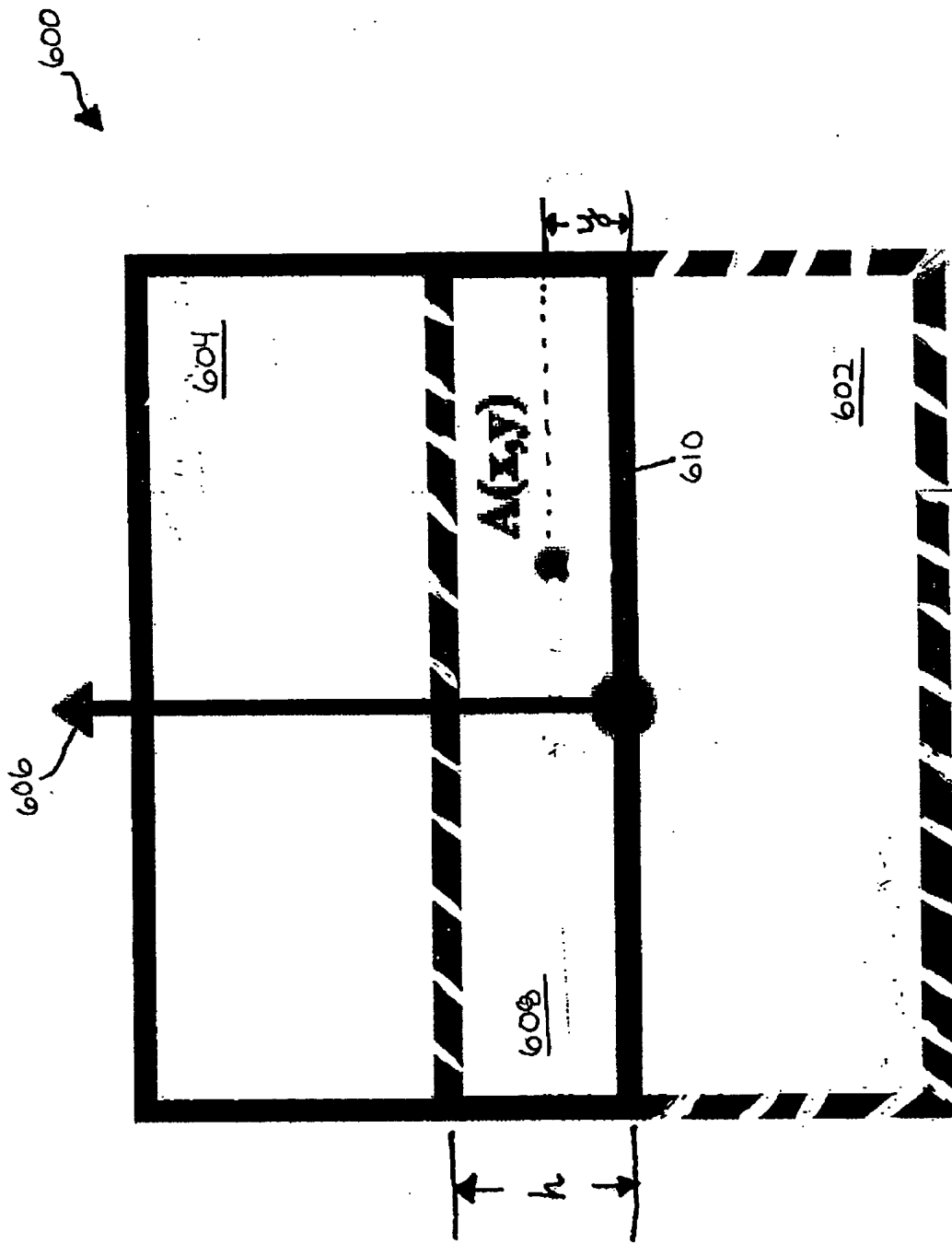


FIG. 6

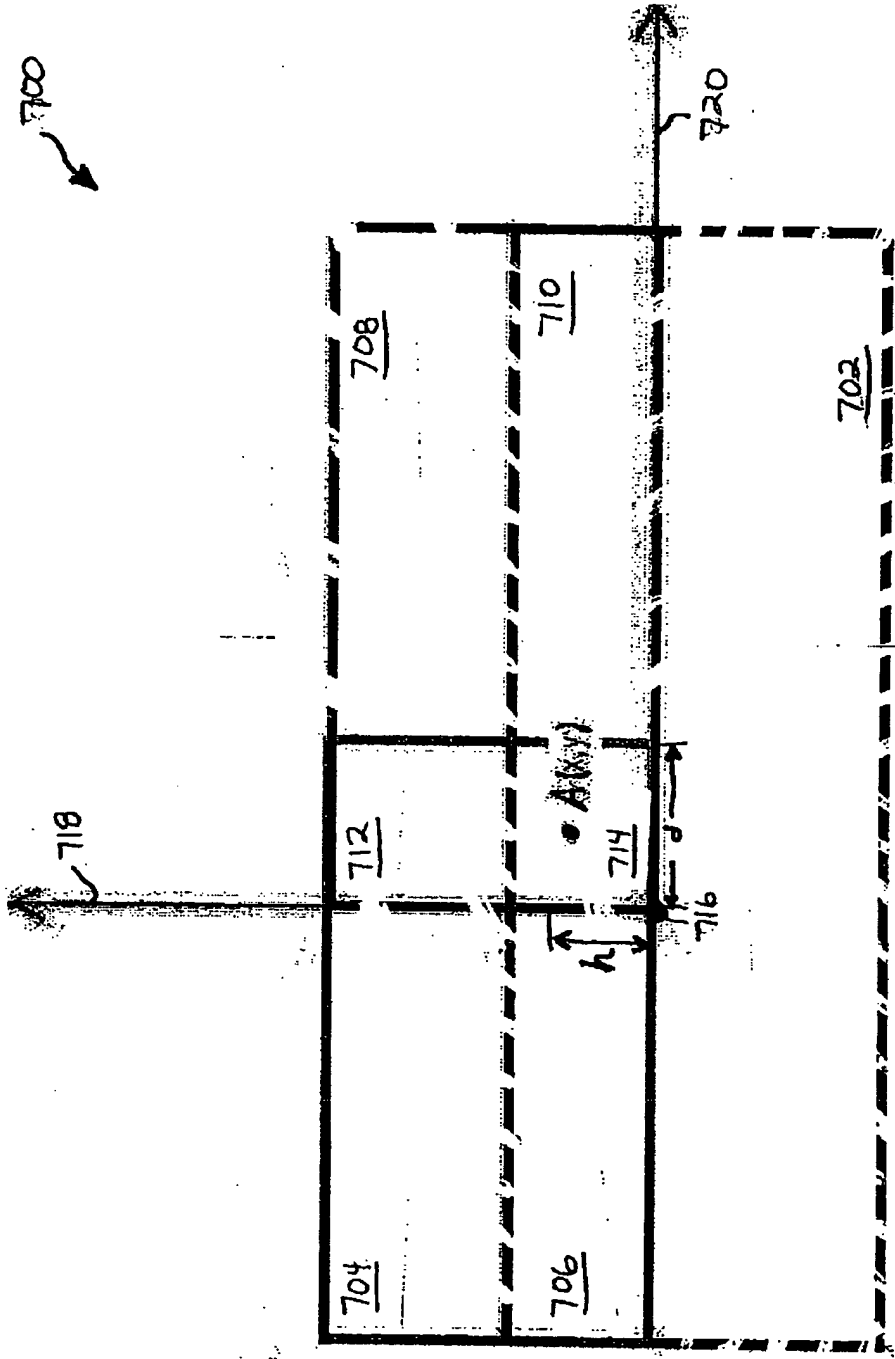


FIG. 7

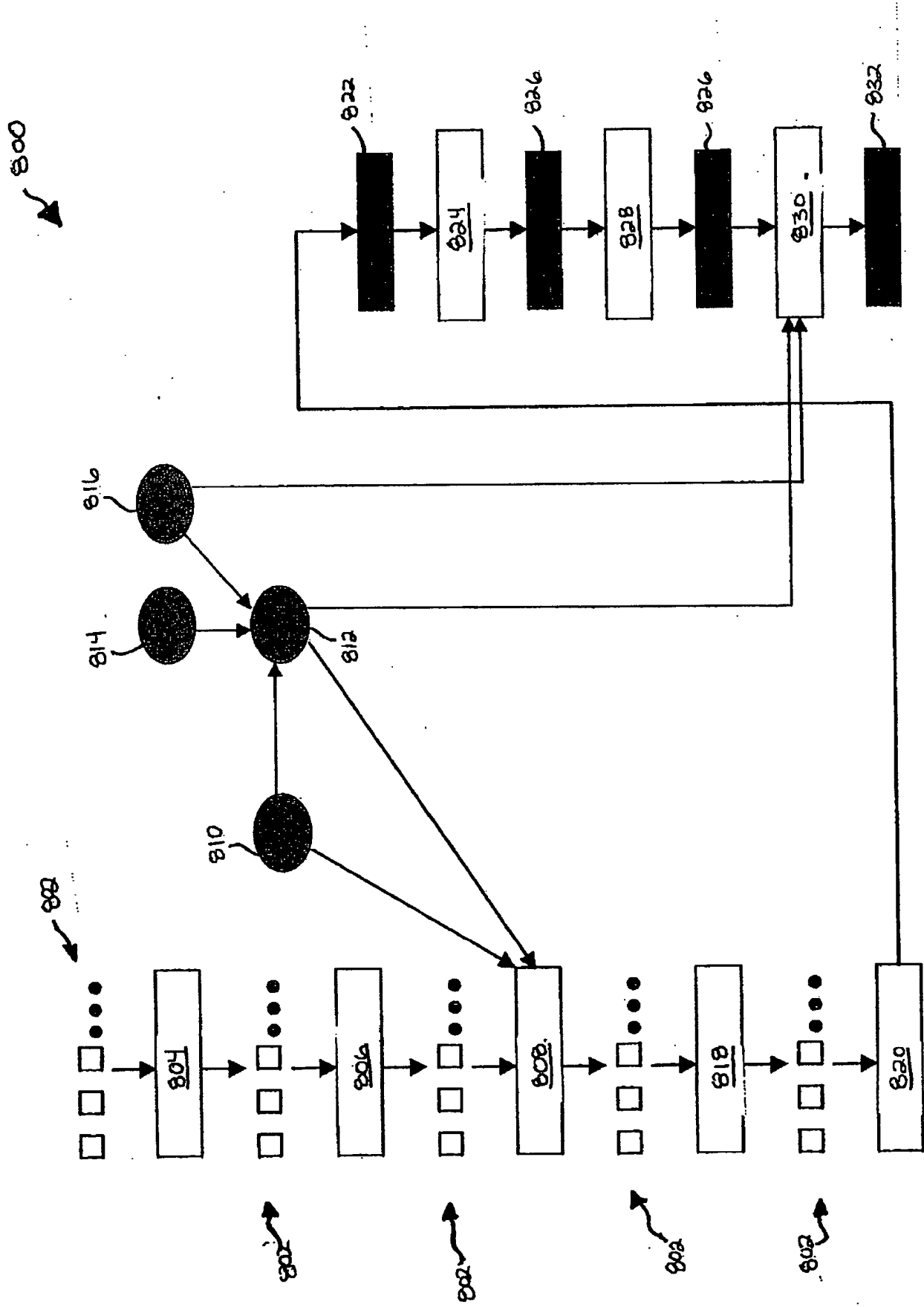


FIG. 8

Figure 9 Photo Pattern Illustration: 1 Flight Mile
Looking down from Aircraft
Five Camera Version Ortho-rectified Data

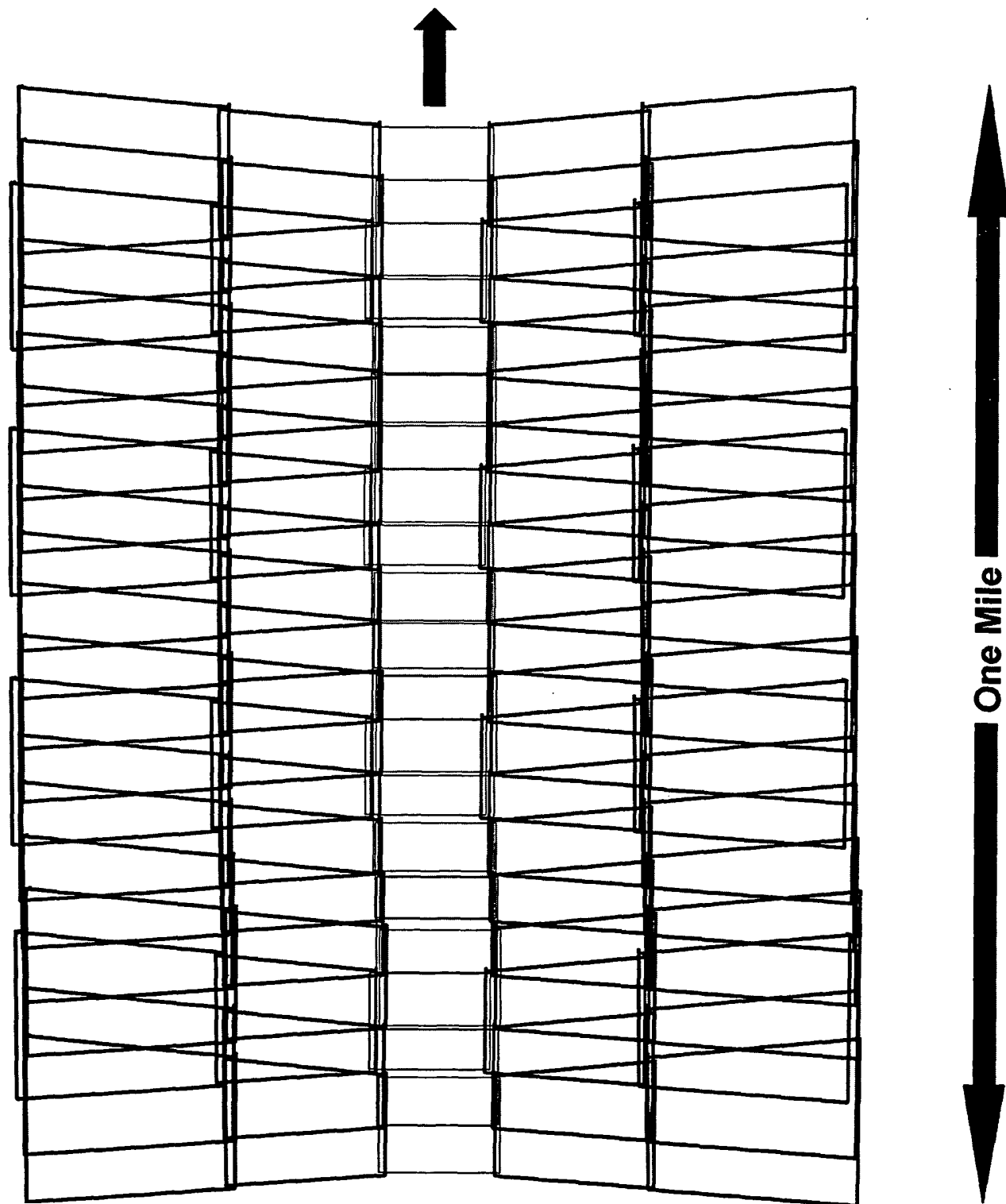


FIGURE 10

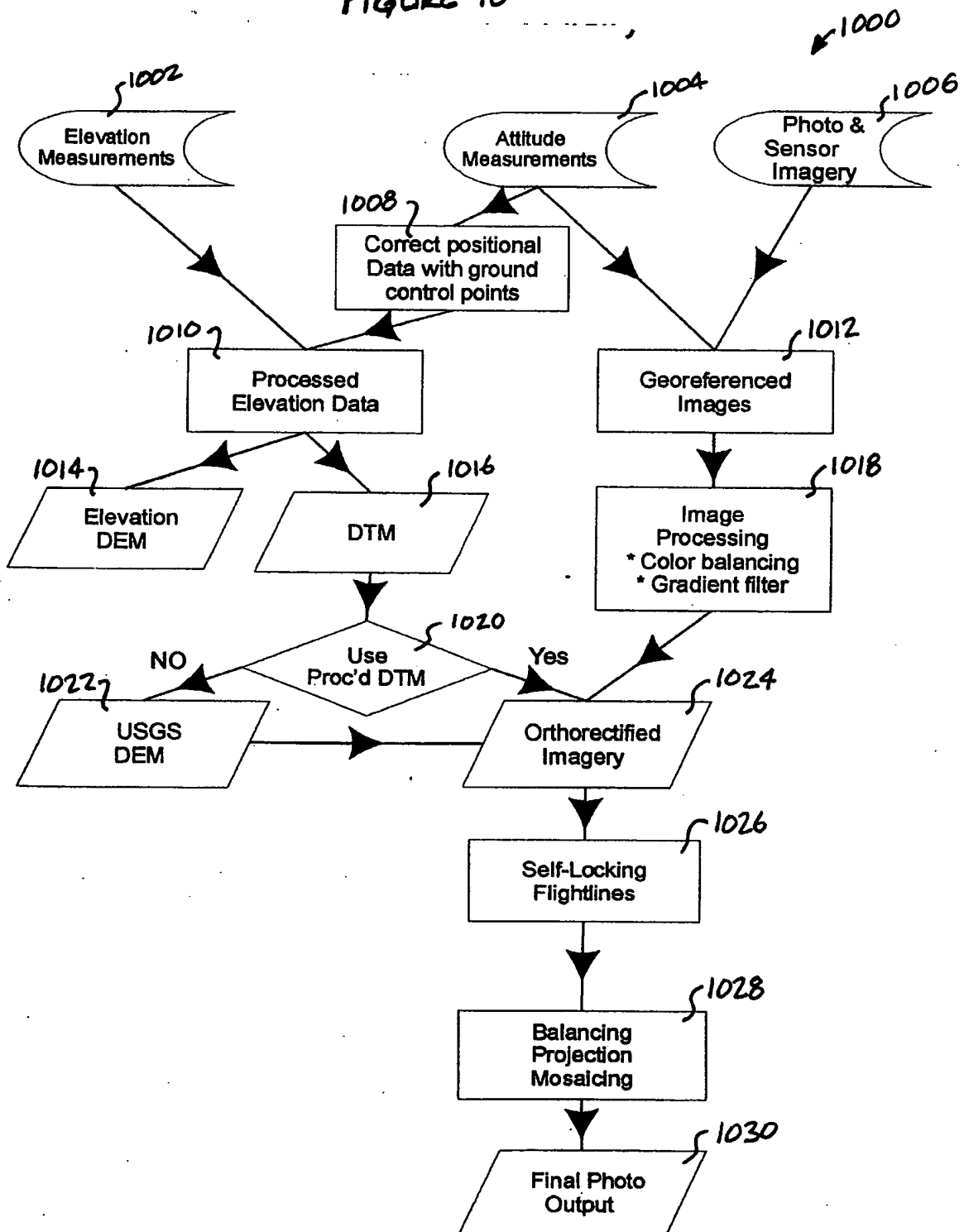


FIGURE 11

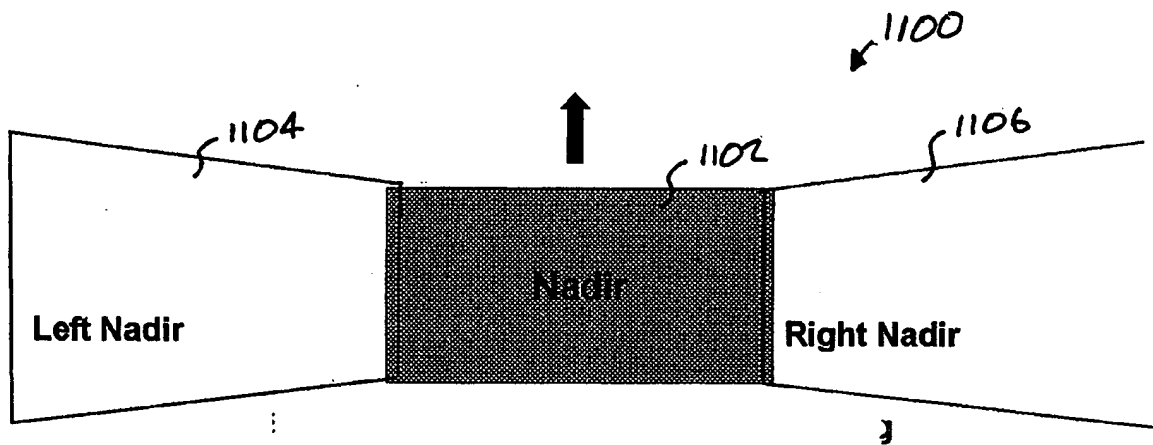
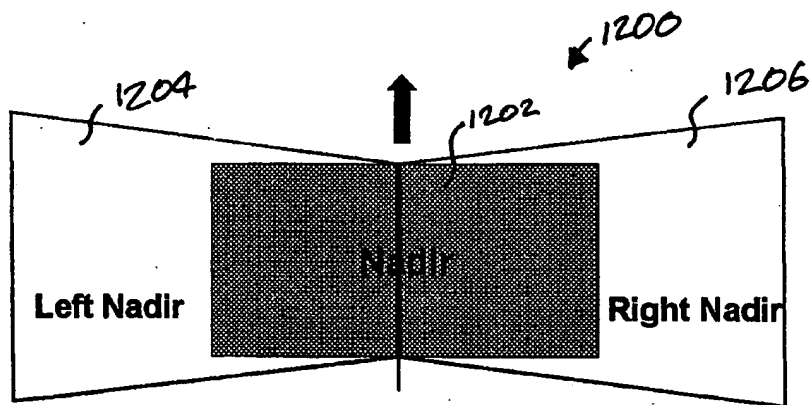


FIGURE 12



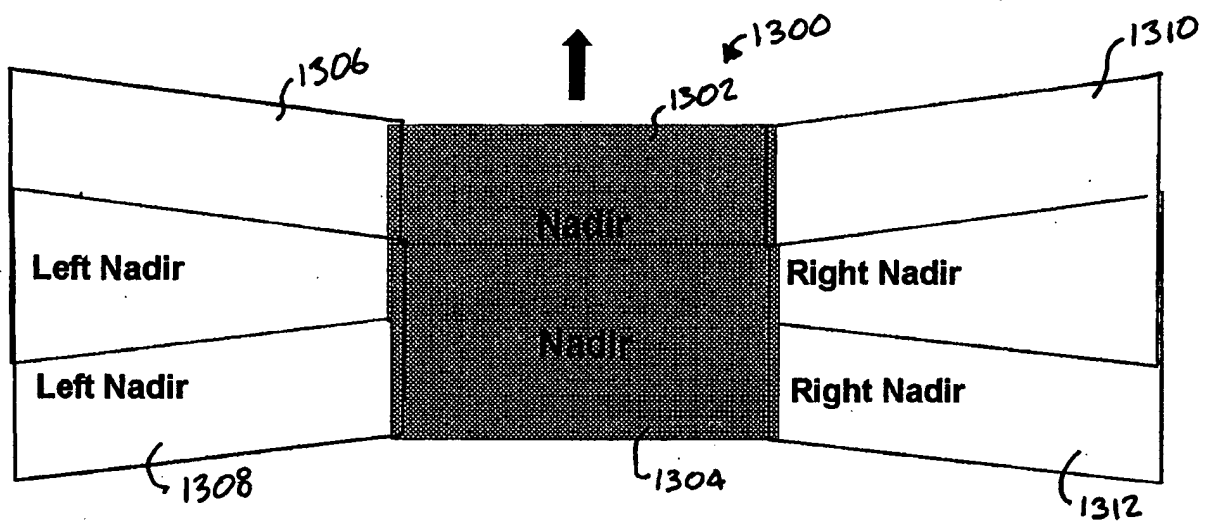


FIGURE 13

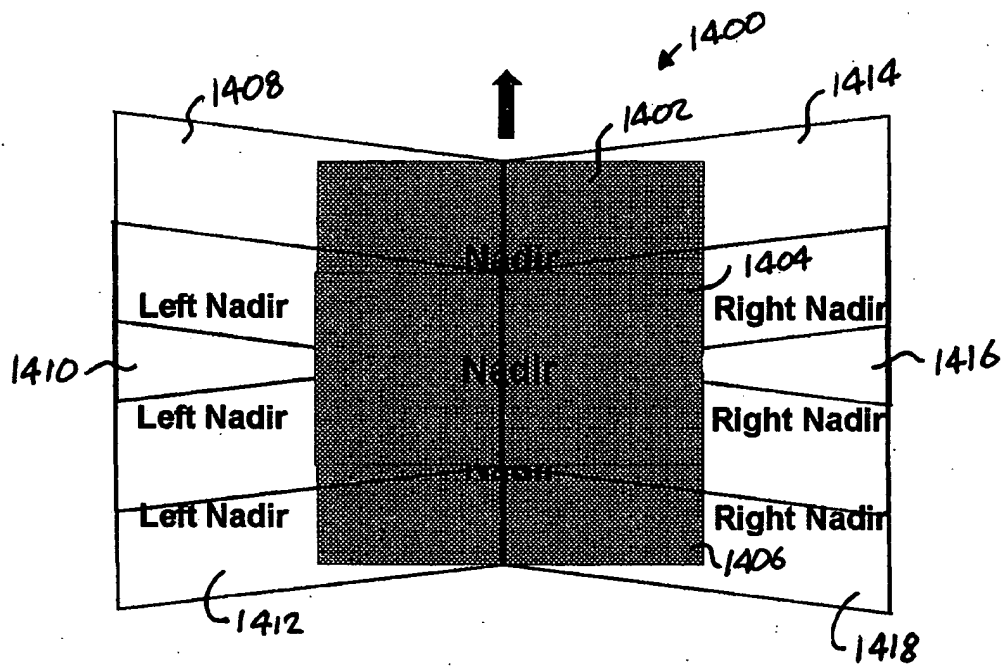


FIGURE 14

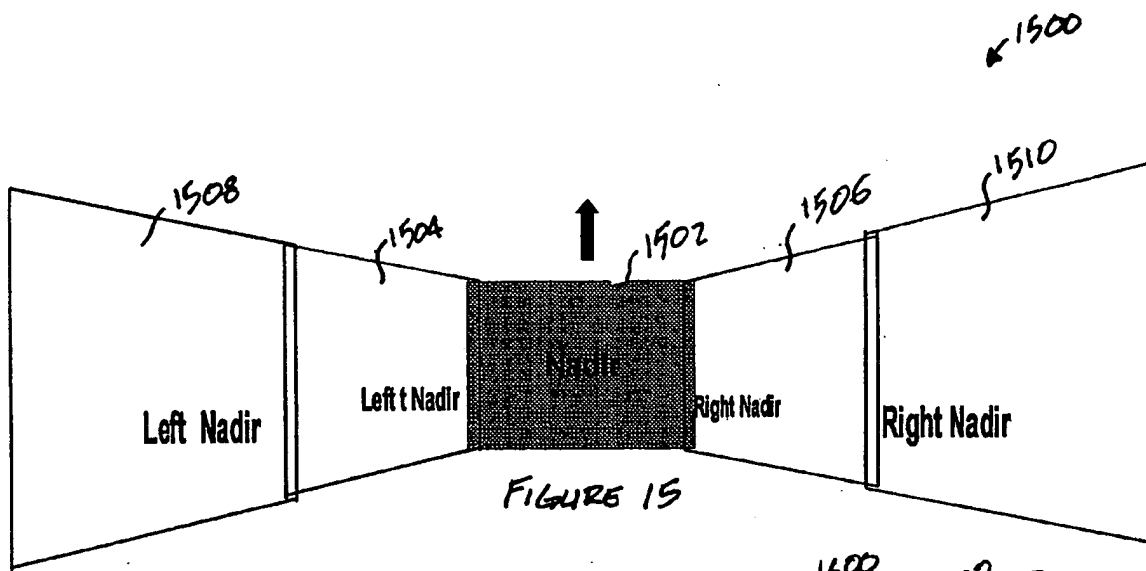


FIGURE 15

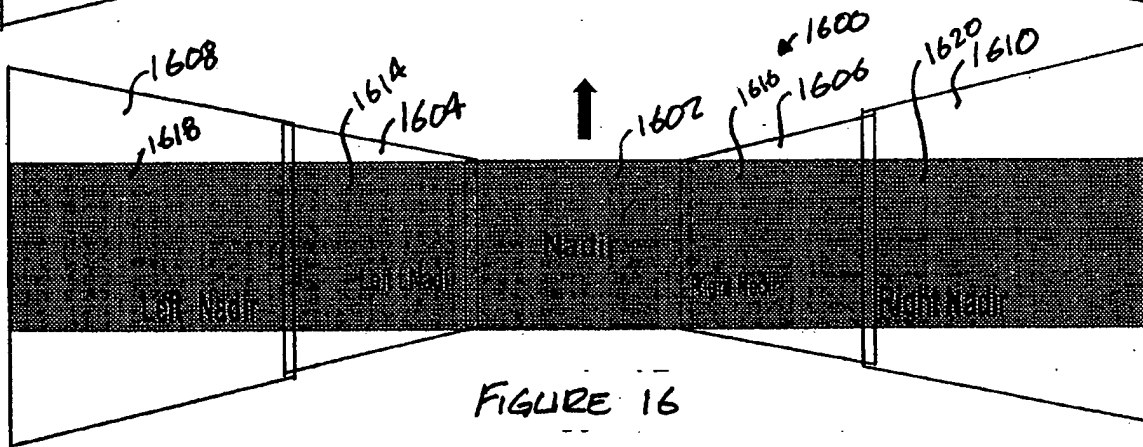


FIGURE 16

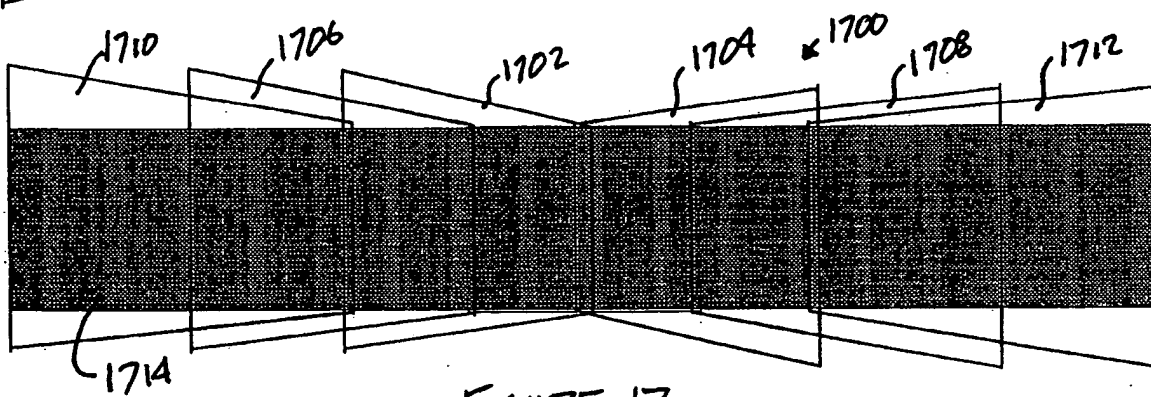


FIGURE 17

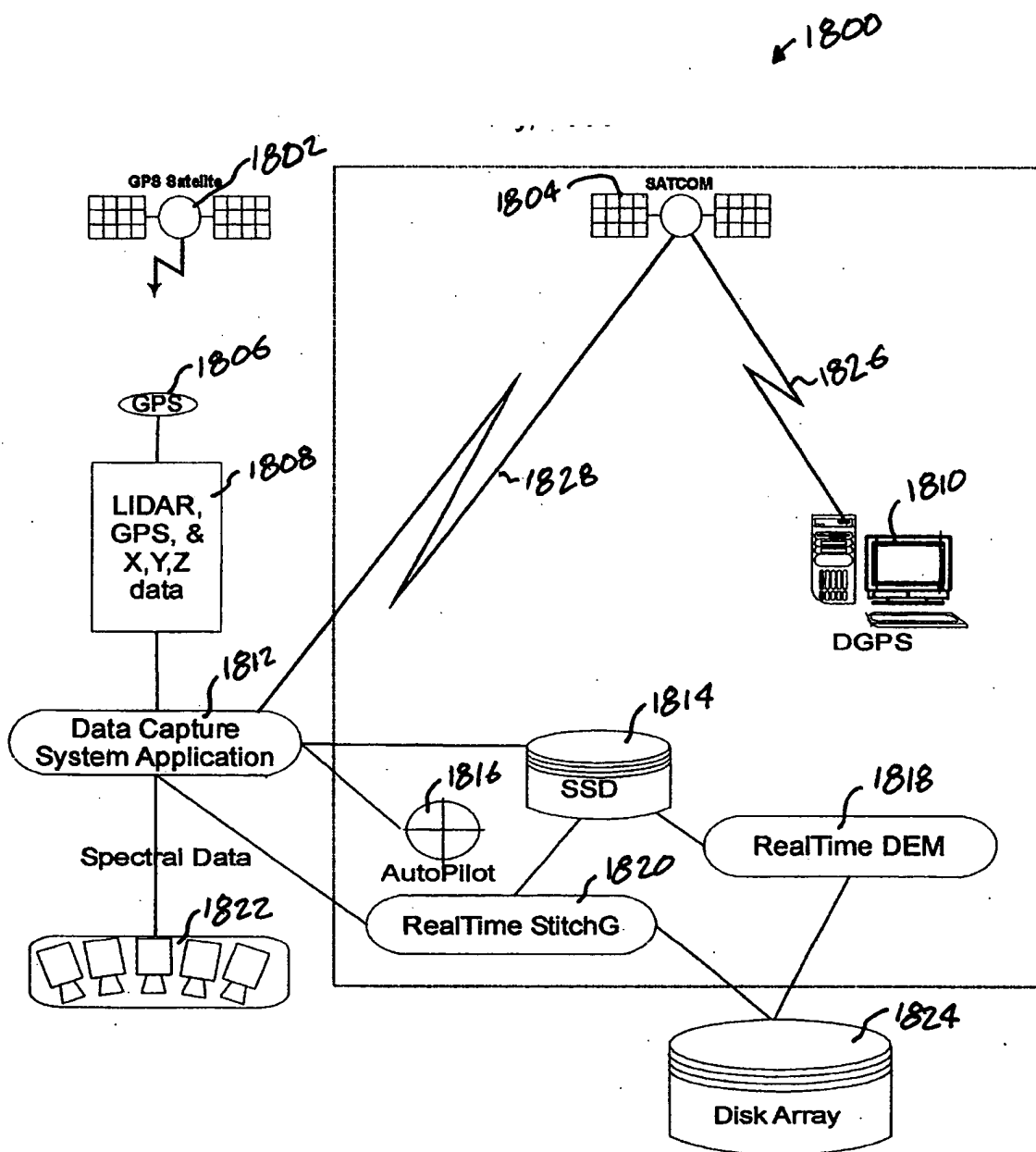


FIGURE 18